

Rule  
1.126

Subcl

D1

B1

002101 8265960

150  
149.

(New)

A liquid crystal display device comprising:

a first substrate and a second substrate for sandwiching a liquid crystal having a negative dielectric constant anisotropy; and  
first and second domain regulating means for regulating azimuths of orientations of said liquid crystal when a voltage is applied to said liquid crystal, wherein when vertically seen to the substrates, said first and second domain regulating means are arranged on said substrates so that said first domain regulating means substantially surrounds said second domain regulating means in the display areas of the pixels.

151  
150.

(New)

A liquid crystal display device according to claim 149,

150

wherein when vertically seen to the substrates, outer edges of said first domain regulating means substantially form closed curves.

152  
151.

(New)

A liquid crystal display device according to claim 149,

150

wherein plural areas surrounded by said first domain regulating means are formed in each pixel.

153

~~152.~~

(New)

A liquid crystal display device according to claim ~~149~~,<sup>150</sup>

wherein said first and second domain regulating means consist of protrusions provided on said substrates or slits provided at electrodes on said substrates.

154

~~153.~~

(New)

A liquid crystal display device according to claim ~~152~~,<sup>153</sup>

wherein said first domain regulating means consists of protrusions provided on said first substrate, and said second domain regulating means consists of protrusions provided on said second substrate.

155

~~154.~~

(New)

A liquid crystal display device according to claim ~~152~~,<sup>153</sup>

wherein said first domain regulating means consists of protrusions provided on said first substrate, and said second domain regulating means consists of protrusions provided on said second substrate.

156

~~155.~~

(New)

A liquid crystal display device according to claim ~~152~~,<sup>153</sup>

wherein said first domain regulating means consists of slits provided on said first substrate, and said second domain regulating means consists of slits provided on said second substrate.

157

~~156.~~

(New)

A liquid crystal display device according to claim ~~152~~,<sup>153</sup>

wherein said first domain regulating means consists of slits provided on said first and second

substrates, and said second domain regulating means consists of slits provided on said second substrate.

<sup>158</sup>  
~~157~~. (New) A liquid crystal display device according to claim <sup>153</sup>~~152~~,

wherein said first domain regulating means consists of protrusions provided on said first substrate, and said second domain regulating means consists of slits provided on said second substrate.

<sup>159</sup>  
~~158~~. (New) A liquid crystal display device according to claim <sup>153</sup>~~152~~,

wherein said first domain regulating means consists of protrusions provided on said first substrate and slits provided on said second substrate, and said second domain regulating means consists of slits provided on said second substrates.

<sup>160</sup>  
~~159~~. (New) A liquid crystal display device according to claim <sup>153</sup>~~152~~,

wherein said first domain regulating means consists of slits provided on said first substrate, and said second domain regulating means consists of protrusions provided on said second substrate.

<sup>161</sup>  
~~160~~. (New) A liquid crystal display device according to claim <sup>153</sup>~~152~~,

wherein said first domain regulating means if consisted of slits provided on said first

substrate and protrusions provided on said second substrate, and said second domain regulating means consists of protrusions provided on said second substrate.

162

~~161~~

(New)

A liquid crystal display device according to claim <sup>150</sup>~~149~~,

wherein four domains in which orientations of said liquid crystal are substantially different are formed in an area surrounded by said first domain regulating means when a voltage is applied to said liquid crystal.

163

~~162~~

(New)

A liquid crystal display device comprising a first substrate

and a second substrate for sandwiching a liquid crystal having a negative dielectric constant anisotropy,

wherein said first substrate includes thin film transistors and domain regulating means, and

wherein said domain regulating means is a protrusion-like structure on said first substrate, and said protrusion-like structure is formed of a member that is the same as at least one member constituting said thin film transistors.

164

~~163~~

(New)

A liquid crystal display device according to claim <sup>163</sup>~~162~~,

wherein said domain regulating means includes a first conductive layer of a material that is the same as that of a gate electrode of said thin film transistor, a first insulating layer of a

material that is the same as that of a gate insulating layer of said thin film transistor and which covers said first conductive layer, a second conductive layer of a material that is the same as that of source/drain electrode of said thin film transistor and which is on said first insulating layer, and a second insulating layer of a material that is the same as that of a protection insulating layer of said thin film transistor and which covers said second conductive layer.

165  
164. (New) A liquid crystal display device according to claim 163,  
wherein pixel electrodes connected to said thin film transistor are provided on said first substrate, and said domain regulating means is provided in areas having no pixel electrode on said first substrate.

166  
165. (New) A liquid crystal display device according to claim 163,  
wherein said domain regulating means is arranged at slits provided on said pixel electrodes.

167  
166. (New) A liquid crystal display device comprising a first substrate  
and a second substrate for sandwiching a liquid crystal having a negative dielectric constant anisotropy,

wherein said first substrate includes thin film transistors, domain  
regulating means and pixel electrodes connected to said thin film transistor, and

wherein said domain regulating means is a protrusion-like structure and is provided at areas where conductive members corresponding to said pixel electrodes are not provided.

<sup>168</sup>  
~~167~~. (New) A liquid crystal display device according to claim <sup>167</sup>~~166~~, wherein said domain regulating means is arranged at slits provided on said pixel electrodes.

<sup>169</sup>  
~~168~~. (New) A liquid crystal display device according to claim <sup>168</sup>~~167~~, wherein said domain regulating means is formed of a member that is the same as at least one member constituting said thin film transistors.

<sup>170</sup>  
~~169~~. (New) A liquid crystal display device according to claim <sup>169</sup>~~168~~, wherein said domain regulating means includes a first conductive layer of a material that is the same as that of a gate electrode of said thin film transistor, a first insulating layer of a material that is the same as that of a gate insulating layer of said thin film transistor and which covers said first conductive layer, a second conductive layer of a material that is the same as that of source/drain electrode of said thin film transistor and which is on said first insulating layer, and a second insulating layer of a material that is the same as that of a protection insulating layer of said thin film transistor and which covers said second conductive layer.